

Figure 6A

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1 S D T V C D S C E D S T Y T Q L W N W V
1 tcggacaccggtgtgtgactcctgtgaggacagcacatcacccagctctggaactgggtt
1      10      20      30      40      50

21 P E C L S C G S R C S S D Q V E T Q A C
61 ccgagtgcttgagctgtggctcccgtctgacctgtgaccaggtgaaactcaagcctgc
61      70      80      90      100     110

41 T R E Q N R I C T C R P G W Y C A L S K
121 actcgggaaacagaaccgcacatctgcacctgcaggcccggtggtactgcgcgtgagcaag
121      130     140     150     160     170

61 Q E G C R L C A P L P K C R P G F G V A
181 caggaggggtgcggctgtgcgcgcgcgtgcgcgaagtgcgccccgggttcggcggtggcc
181      190     200     210     220     230

81 R P G T E T S D V V C K P C A P G T F S
241 agaccaggaactgaaacatcacagctggtgtgcaagccctgtgccccggggacgttctcc
241      250     260     270     280     290

101 N T T S S T D I C R P H Q I C N V V A I
301 aacacgacttcatccaggatatttgcaggccccaccagatctgtaacgtgtggccatc
301      310     320     330     340     350

121 P G N A S R D A V C T S T S P T R S M A
361 cctgggaatgcaagcagggatgcagctctgcacgtccacgtccccaccccgatattggcc
361      370     380     390     400     410

141 P G A V H L P Q P V S T R S Q H T Q P S
421 ccaggggcagttacacttaccacagccagtggtccacacgatcccaacacagcagccaagt
421      430     440     450     460     470

161 P E P S T A P S T S F L L P M G P S P P
481 ccagaacccagcactgctccaagcacctcttctgctcccaatgggccccagcccccca
481      490     500     510     520     530

181 A E G S T G D F A L P V G L I V G V T A
541 gctgaaggagcactggcgacttcgctcttccagttggactgatttgggttgacagcc
541      550     560     570     580     590

201 L G L L I I G V V N C V I M T Q V K K K
601 ttgggtctactaataataggagtggtgaactgtgtcatcatgaccaggtgaaaaagaag
601      610     620     630     640     650

221 P L C L Q R E A K V P H L P A D K A R G
661 cccttgtgcctgcagagagaagccaagtgccctcacttgccctgcgataaggcccggggt
661      670     680     690     700     710

241 T Q G P E Q Q H L L I T A P S S S S S S
721 acacagggccccgagcagcagcactgctgatcacagcgcgagctccagcagcagctcc
721      730     740     750     760     770

261 L E S S A S A L D R R A P T R N Q P Q A
781 ctggagagctcggccagtcggttgacagaaggcgccacactcggaaccagccacaggca
781      790     800     810     820     830

281 P G V E A S G A G E A R A S T G S S A D
841 ccagcgctggaggccagtggggccccggggagggcccgccagcaccggagctcagcagat
841      850     860     870     880     890

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FIGURE 6B

301 S S P G G H G T Q V N V T C I V N V C S
 901 tcttccctcgtggccatgggacccaggtcaatgtcacctgcacgtgaaagctgtgtage
 901 910 920 930 940 950

 321 S S D H S S Q C S S Q A S S T M G D T D
 961 agctctgaccacagctcacagtgtctctcccaagccagctccacaatgggagacacagat
 961 970 980 990 1000 1010

 341 S S P S E S P K D E Q V P F S K E E C A
 1021 tccagccctcggagtcctccgaagcagcagcaggtccctctccaaagggaatgtgcc
 1021 1030 1040 1050 1060 1070

 361 F R S Q L E T P E T L L G S T E E K P L
 1081 tttcggtcacagctggagacgccagaccctgctggggagcaccgaagaaagccctg
 1081 1090 1100 1110 1120 1130

 381 P L G V P D A G M K P S
 1141 cccttggagtgctgatgctgggaggaagccagttaccagccggtgtgggtgtgt
 1141 1150 1160 1170 1180 1190
 1201 cgtagccaaggtggctgagccctggcaggatgacctgcgaagggccctggtcctcca
 1201 1210 1220 1230 1240 1250
 1261 ggccccaccactaggactcagaggtcttctgggccaaagtctctatagtgccctccac
 1261 1270 1280 1290 1300 1310
 1321 agccgagcctcctctgacctgcaggccaaagcagagcagcgagttgtggaaagcct
 1321 1330 1340 1350 1360 1370
 1381 ctgctgccatggcgtgtccctctcggaaggtggtgggcatggacgttcggggcatgct
 1381 1390 1400 1410 1420 1430
 1441 ggggcaagtccctgagtcctgtgacctgcgccgccagctgcacctgccagcctggctt
 1441 1450 1460 1470 1480 1490
 1501 ctggagccctgggtttttgtttgtttgtttgtttgtttgttttctcccccctgggc
 1501 1510 1520 1530 1540 1550
 1561 tctgccagctctgggttccagaaaaaccagcatcctttctcgagaggggtttctgg
 1561 1570 1580 1590 1600 1610
 1621 agaggaggatgctgctgagtcacccatgaagacaggacagtgttcagcctgaggtg
 1621 1630 1640 1650 1660 1670
 1681 agactcgggatggtcctggggctctgtgcaggaggaggtggcagccctgtagggaacg
 1681 1690 1700 1710 1720 1730
 1741 gggctctcaagttagctcaggaggtctggaaaagcatcacctcaggccaggtgcagtggc
 1741 1750 1760 1770 1780 1790
 1801 tcacgcctatgatcccagcactttgggaggtcaggcgggtggatcacctgaggttagga
 1801 1810 1820 1830 1840 1850
 1861 gttcgagaccagcctggccaacatggtaaaaaccccatctctactaaaaatacagaaatta
 1861 1870 1880 1890 1900 1910
 1921 gccggcggtggtggcggcacatagtcccagctactcagaagcctgaggtcgggaaat
 1921 1930 1940 1950 1960 1970
 1981 cgtttgaacccgggaagcggaggttgcaggagccagatcacgccactgcactccagcc
 1981 1990 2000 2010 2020 2030
 2041 tgggcgacagagcgagagtcgtctcaaaagaaaaaaaagcaccgctccaaatgct
 2041 2050 2060 2070 2080 2090
 2101 aacttgctccttttgtaccatggtgtgaaagtccagatgccagagggccaggccac
 2101 2110 2120 2130 2140 2150
 2161 catattcagtgctgtggcctgggcaagataaacgcactctcaactagaaatctccaat
 2161 2170 2180 2190 2200 2210
 2221 tttaaaaaagttaagtaacctcaggcccaacaagccaacgacaaaagccaaactctgccag
 2221 2230 2240 2250 2260 2270
 2281 cacatccaaaccccccaactgccatttgacccctccgccttcaactccggtgtgcctgcag
 2281 2290 2300 2310 2320 2330